

PROJECT DESCRIPTION
GENERAL
THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF MD 201 (KENILWORTH AVE.) AT RIVER RD./ TUCKERMAN ST. IN PRINCE GEORGE'S COUNTY.
THE NORTHBOUND LEFT TURN LANE ON MD 201 IS BEING EXTENDED. SET BACK DETECTION FOR EASTBOUND RIVER ROAD IS BEING CHANGED TO VIDEO DETECTION DUE TO ROAD RECONSTRUCTION.

INTERSECTION OPERATION
THE EXISTING CONTROLLER HOUSED IN A BASE MOUNTED CABINET SHALL BE UTILIZED AT THIS LOCATION. THE INTERSECTION CURRENTLY OPERATES IN A SEMI ACTUATED MODE USING 5 NEMA PHASES. THERE IS AN EXCLUSIVE/PERMISSIVE LEFT TURN PHASE FOR THE NORTHBOUND MOVEMENT OF MD 201. THE MD 201 THROUGH MOVEMENTS OPERATE CONCURRENTLY. THE RIVER RD./TUCKERMAN ST. MOVEMENTS OPERATE IN A SIDE STREET SPLIT PHASE MODE.

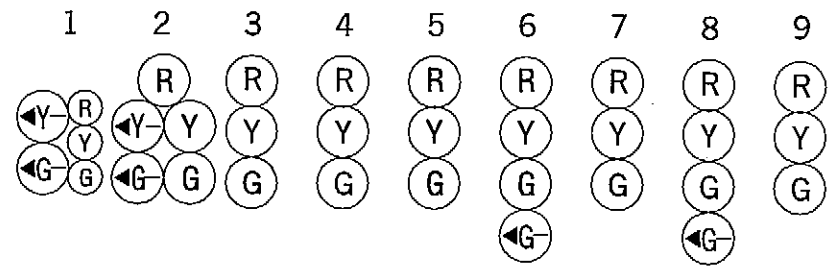
SPECIAL NOTES
1. THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:
PROJECT CONTACTS:
MR. BRIAN YOUNG, ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7358
MR. DUANE BERNARD, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (301) 513-7336
MR. VERNON STINNETT JR., ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 615-7304
MR. AUGIE REBISH, UTILITY ENGINEER
PHONE: (301) 513-7350
MR. RICHARD L. DAFF, SR. CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630
MR. EDWARD RODENHIZER, SUPERVISOR, SIGNAL OPERATIONS
PHONE: (410) 787-7652

2. ALL INTERNAL CABINET WIRING SHALL BE PERFORMED BY THE SHA SIGNAL SHOP.
CONTRACTOR SHALL CONTACT ED RODENHIZER 72 HOURS PRIOR TO CONSTRUCTION.

EQUIPMENT LIST
A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.
NONE.
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

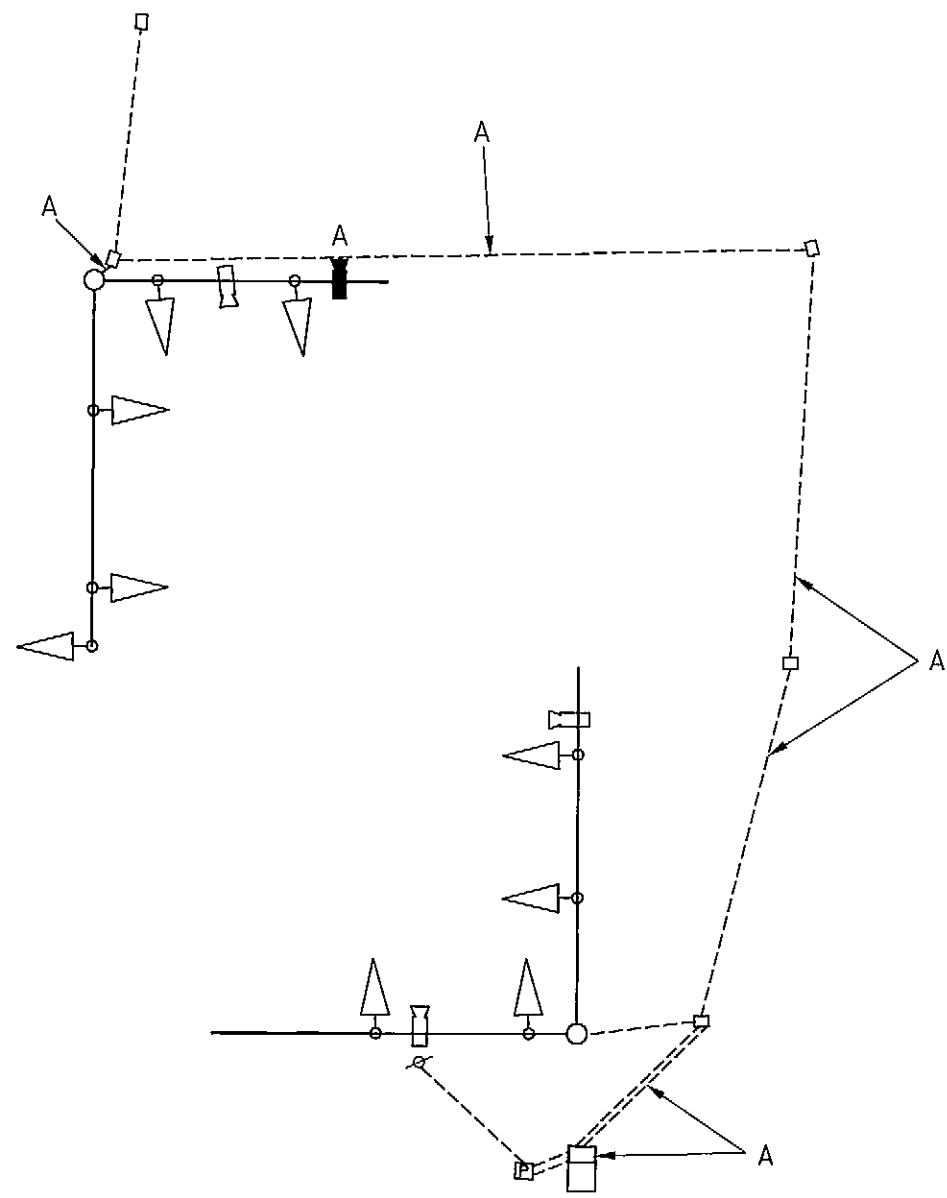
QUANTITY	UNITS	DESCRIPTION
LUMP SUM	LS	MAINTENANCE OF TRAFFIC
LUMP SUM	LS	MOBILIZATION
1	EA	VIDEO DETECTOR CAMERA (SOLO) AND CABLE (1-400 LF)
45	LF	24 IN. WIDE THERMOPLASTIC PAVEMENT MARKING - WHITE.
LUMP SUM	LS	REMOVE EXISTING SIGNAL EQUIPMENT

Phase Chart



PHASE 1 AND 6	←GG	←GG	G	R	R	R	R	R	R	↑
1 CHANGE	←YG	←YG	G	R	R	R	R	R	R	↑
PHASE 2 AND 6	G	G	G	G	G	R	R	R	R	↑
2 AND 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	R	↑
PHASE 3	R	R	R	R	R	R	R	←GG	G	↑
3 CHANGE	R	R	R	R	R	R	R	Y	Y	↑
PHASE 4	R	R	R	R	R	←GG	G	R	R	↑
4 CHANGE	R	R	R	R	R	Y	Y	R	R	↑
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	↑

Wiring Diagram



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 201 (KENILWORTH AVE) AT RIVER RD/TUCKERMAN ST

GENERAL INFORMATION PLAN

SCALE NA DATE OCTOBER 26, 2010 CONTRACT NO. BW996MB2

DESIGNED BY J. STORCK COUNTY PRINCE GEORGE'S
DRAWN BY J. STORCK LOGMILE 16020104.38
CHECKED BY JEH TMS NO. 10027
F.A.P. NO. NA TOD NO.

TS NO. 3324D DRAWING GI-01 OF 01 SHEET NO. 2 OF 2

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"Merging Innovation and Excellence"®